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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David E. Lowery, et. al.

Serial No.: 10/736,048

Group Art Unit: 1646

Filed: December 15, 2003

Examiner: Ruixiang Li

Title: Drosophila G-Protein Coupled Receptors, Nucleic Acids, and Methods Related to the Same

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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

REPLY AND AMENDMENT

Dear Sir:

This reply and amendment is being filed in response to the final Official Action dated June 19, 2007, in connection with the above-identified patent application. The period to respond is extended by petition and payment of the appropriate fee provided herewith. Please amend the application as follows.

Amendments to the Claims begin on Page 2.

A Remarks section begins on Page 3.